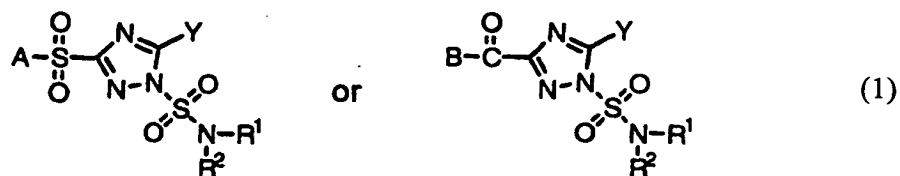


CLAIMS

1. A process for producing a sulfamoyl compound of the formulae (1):

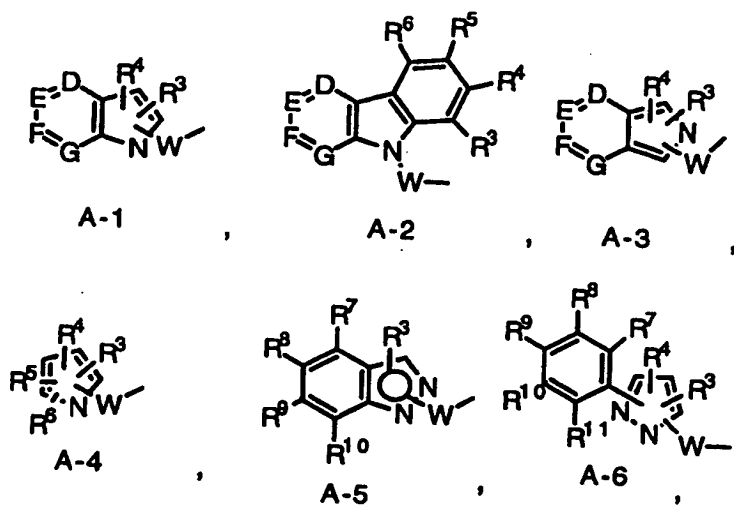


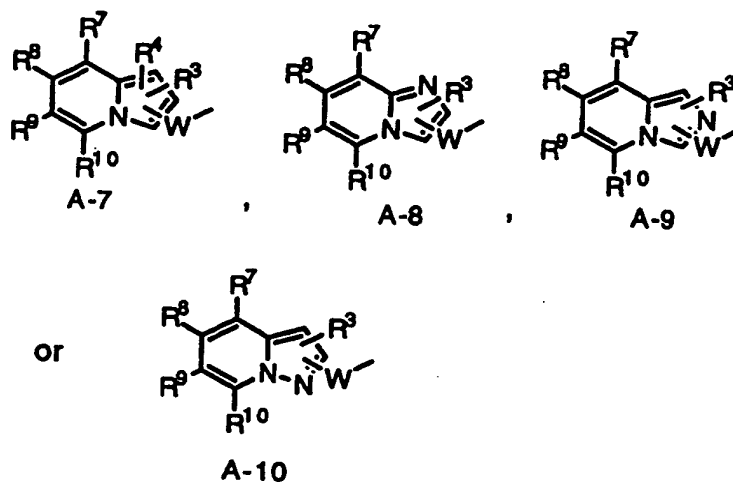
wherein

R^1 and R^2 are each independently C_{1-4} alkyl, or R^1 and R^2 together are C_{4-6} alkylene or C_{4-6} alkyleneoxy,

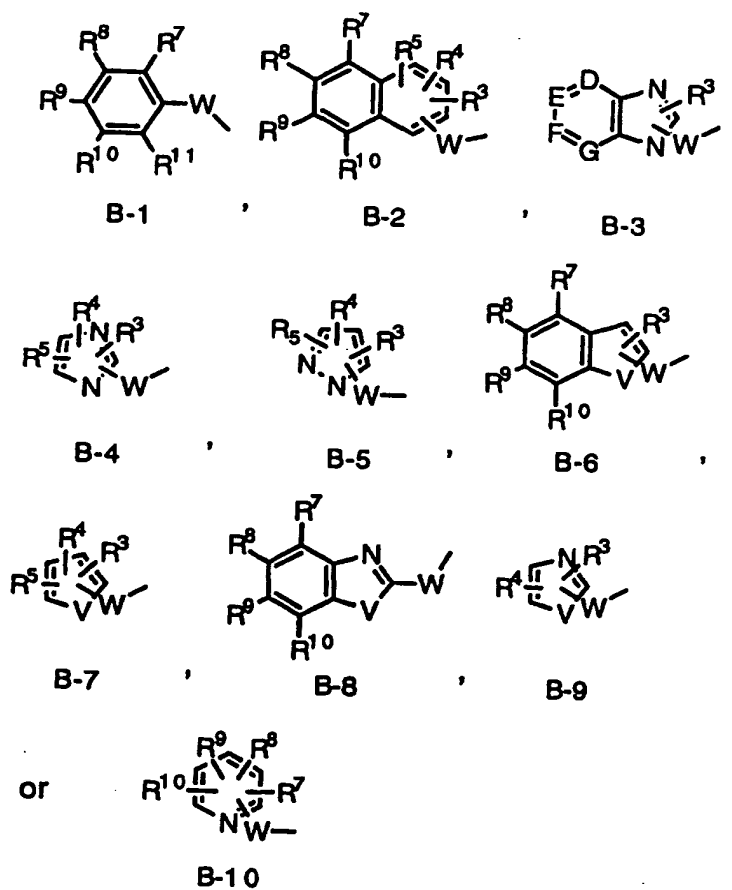
Y is H, halogen, C_{1-8} alkyl, C_{1-4} alkoxy, C_{1-8} alkylthio, C_{1-8} haloalkyl, C_{1-8} haloalkoxy or C_{1-8} haloalkylthio,

A is





B is A-1 to A-10, or



W is a chemical bond or O,

V is O or S,

D, E, F and G are each independently N, CR⁷, CR⁸, CR⁹ or CR¹⁰, and

$R^3, R^4, R^5, R^6, R^7, R^8, R^9, R^{10}$ and R^{11} are each independently H, C_{1-8} , alkyl, C_{3-8} , cycloalkyl, C_{2-8} alkenyl, C_{5-8} cycloalkenyl, C_{2-8} alkynyl, C_{1-8} , alkoxy, C_{3-8} cycloalkyloxy, C_{5-8} cycloalkenyloxy, C_{2-8} alkenyloxy, C_{2-8} alkynyloxy, C_{1-8} alkylthio, C_{3-8} cycloalkylthio, C_{5-8} cycloalkenylthio, C_{2-8} alkenylthio, C_{2-8} alkynylthio, C_{1-8} haloalkyl, C_{1-8} haloalkoxy, C_{1-8} haloalkylthio, C_{2-8} haloalkenyl, C_{2-8} haloalkenyloxy, C_{2-8} haloalkenylthio, C_{2-8} haloalkynyl, C_{2-8} haloalkynyloxy, C_{2-8} haloalkynylthio, phenyl which may be substituted (the kinds of substituent include halogen, C_{1-8} alkyl, C_{1-8} haloalkyl, C_{1-8} alkoxy, C_{1-8} haloalkoxy, C_{1-8} alkylthio, C_{1-8} haloalkylthio, C_{1-6} alkylsulfoxy, C_{1-6} alkylsulfonyl, CN, NO_2 and C_{1-6} alkoxycarbonyl, the number of the substituents is 1 to 5, and the substituents may be identical or different), phenyl C_{1-4} alkyl which may be substituted, benzylthio which may be substituted, benzyloxy which may be substituted, phenoxy C_{1-4} alkyl which may be substituted, phenoxy which may be substituted, phenylthio C_{1-4} alkyl which may be substituted, phenylthio which may be substituted, benzoyl which may be substituted, benzoyl C_{1-4} alkyl which may be substituted, benzoyloxy which may be substituted, benzoyloxy C_{1-4} alkyl which may be substituted, naphthyl which may be substituted, 5 or 6 membered heterocyclic ring which may be substituted, C_{1-8} hydroxyalkyl, C_{1-8} hydroxyhaloalkyl, C_{1-6} alkoxy C_{1-4} alkyl, C_{1-6} haloalkoxy C_{1-4} alkyl, C_{1-6} haloalkylthio C_{1-4} alkyl, C_{1-10} dialkoxy C_{1-4} alkyl, C_{1-3} alkylenedioxy C_{1-4} alkyl, C_{1-6} alkylthio C_{1-4} alkyl, C_{1-10} dialkylthio C_{1-4} alkyl, C_{1-3} alkylenedithio C_{1-4} alkyl, C_{1-6} alkoxycarbonyl, C_{1-6} haloalkoxycarbonyl, C_{1-6} alkoxyoxalyl, CHO, CO_2H , C_{1-6} alkoxycarbonyl C_{1-4} alkyl, C_{1-6} haloalkoxycarbonyl C_{1-4} alkyl, NH_2 , C_{1-6} alkylamino, C_{1-6} alkylcarbonylamino, C_{1-6} alkylcarbonylamino C_{1-4} alkyl, C_{1-6} haloalkylcarbonylamino, C_{1-6} haloalkylcarbonylamino C_{1-4} alkyl, C_{1-6} alkoxycarbonylamino, C_{1-6} alkoxycarbonylamino C_{1-4} alkyl, C_{1-6} alkylsulfonylamino, C_{1-6} alkylsulfonylamino C_{1-4} alkyl, C_{1-6} haloalkylsulfonylamino, C_{1-6} haloalkylsulfonylamino C_{1-4} alkyl, C_{1-6} dialkylamino, C_{1-6} dialkylamino C_{1-4} alkyl, C_{1-6} dialkylaminocarbonyl, C_{1-6} dialkylaminocarbonyl C_{1-4} alkyl,

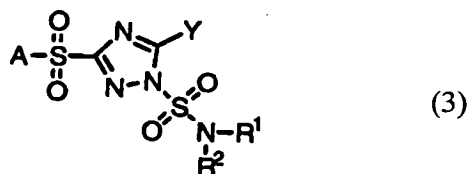
C₂₋₆ alkyleneimino, C₂₋₆ alkyleneimino C₁₋₄ alkyl, C₂₋₆ alkyleneiminocarbonyl, C₂₋₆ alkyleneiminocarbonyl C₁₋₄ alkyl, C₁₋₆ alkylcarbonyl, C₁₋₆ alkylcarbonyloxy, C₁₋₆ haloalkylcarbonyl, C₁₋₆ haloalkylcarbonyloxy, C₁₋₆ alkylcarbonyl C₁₋₄ alkyl, C₁₋₆ alkylcarbonyloxy C₁₋₄ alkyl, C₁₋₆ haloalkylcarbonyl C₁₋₄ alkyl, C₁₋₆ haloalkylcarbonyloxy C₁₋₄ alkyl, hydroxyimino C₁₋₄ alkyl, C₁₋₆ alkoxyimino C₁₋₄ alkyl, C₁₋₆ alkylcarbonyloxyimino C₁₋₄ alkyl, C₁₋₆ alkylsulfonyloxyimino C₁₋₄ alkyl, C₁₋₆ alkylsulfoxy, C₁₋₆ haloalkylsulfoxy, C₁₋₆ alkylsulfoxy C₁₋₄ alkyl, C₁₋₆ haloalkylsulfoxy C₁₋₄ alkyl, C₁₋₆ alkylsulfonyl, C₁₋₆ haloalkylsulfonyl, C₁₋₆ alkylsulfonyl C₁₋₄ alkyl, C₁₋₆ haloalkylsulfonyl C₁₋₄ alkyl, C₁₋₆ alkylsulfonyloxy, C₁₋₆ haloalkylsulfonyloxy, C₁₋₆ alkylsulfonyloxy C₁₋₄ alkyl, C₁₋₆ haloalkylsulfonyloxy C₁₋₄ alkyl, C₁₋₆ haloalkoxysulfonyl, C₁₋₆ haloalkoxysulfonyl C₁₋₄ alkyl, C₁₋₆ dialkylsulfamoyl, C₁₋₆ dialkylsulfamoyl C₁₋₄ alkyl, C₁₋₆ alkoxysulfonyl, C₁₋₆ alkoxysulfonyl C₁₋₄ alkyl, C₂₋₆ cyanoalkyl, CN, C₁₋₆ thiocarbamoyl, C₁₋₆ nitroalkyl, NO₂ or halogen, or two of R³, R⁴, R⁵, R⁶, R⁷, R⁸, R⁹, R¹⁰ and R¹¹ together are C₁₋₃ alkylenedioxy which may be substituted, or C₃₋₆ alkylene,

which comprises reacting a compound of the formula (2)



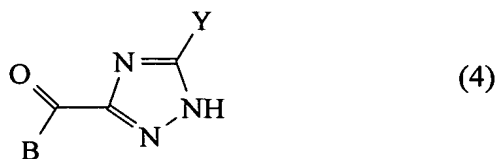
wherein A has the same meaning as defined above,

with a compound of the formula (3)



wherein R¹, R² and Y have the same meanings as defined above, and X is a halogen;

reacting a compound of the formula (4)



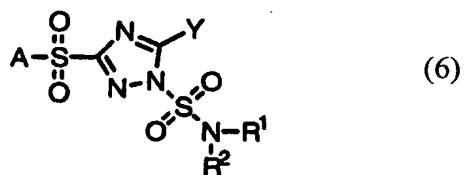
wherein B and Y have the same meanings as defined above,

with a compound of the formula (5)



wherein R¹ and R² have the same meanings as defined above and X is halogen; or

a compound of the formula (6)



wherein R¹, R², A and Y have the same meanings as defined above,

with an oxidizing agent.